THAT WHICH IS CLAIMED IS:

1. A biocide composition formed from ingredients comprising a peroxide and a hypochlorite, wherein the biocide composition is formed by adding the peroxide ingredient to the hypochlorite ingredient so that the weight ratio of the hypochlorite to the peroxide is no less than about 10:1.

2. A biocide composition as in Claim 1, wherein the peroxide is an alkali metal peroxide.

3. A biocide composition as in Claim 2, wherein the peroxide is sodium peroxide.

4. A biocide composition as in Claim 1, wherein the peroxide is hydrogen peroxide.

5. A biocide composition as in Claim 1, wherein the hypochlorite is an alkali metal hypochlorite.

6. A biocide composition as in Claim 5, wherein the hypochlorite is sodium hypochlorite.

7. A biocide composition as in Claim 1, wherein the peroxide is hydrogen peroxide and the hypochlorite is sodium hypochlorite.

8. A biocide composition as in Claim 7, wherein the weight ratio of the sodium hypochlorite to the hydrogen peroxide is about 10:1.

9. A method of producing a biocide composition, the method comprising charging to a vessel a quantity of a hypochlorite, and then adding to the hypochlorite so charged a quantity of a peroxide, the weight ratio of the hypochlorite so charged to the peroxide added thereto being no less than about 10:1.

10. A method according to Claim 9, wherein the method is carried out in essentially the absence of organic matter.

11. A method according to Claim 9, wherein the peroxide is an alkali metal peroxide.

12. A method according to Claim 11, wherein the peroxide is sodium peroxide.

13. A method according to Claim 9, wherein the peroxide is hydrogen peroxide.

14. A method according to Claim 9, wherein the hypochlorite is an alkali metal hypochlorite.

15. A method according to Claim 14, wherein the hypochlorite is sodium hypochlorite.

16. A method according to Claim 9, wherein the hypochlorite is sodium hypochlorite and the peroxide is hydrogen peroxide.

17. A method according to Claim 16, wherein the weight ratio of the hypochlorite so charged to the peroxide added thereto is about 10:1.

18. A method according to Claim 17, wherein the method is carried out in essentially the absence of organic matter.

19. A method which comprises contacting a microorganism with a biocidally effective amount of a composition according to any of Claims 1-8.